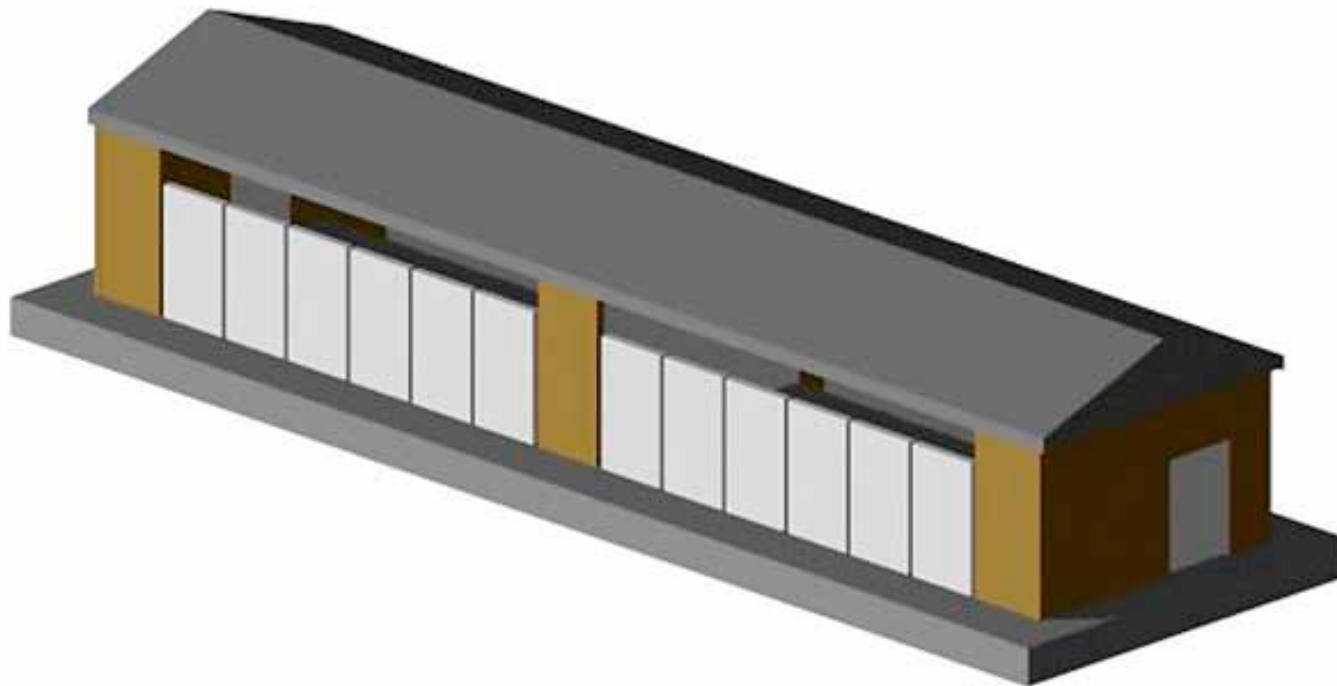
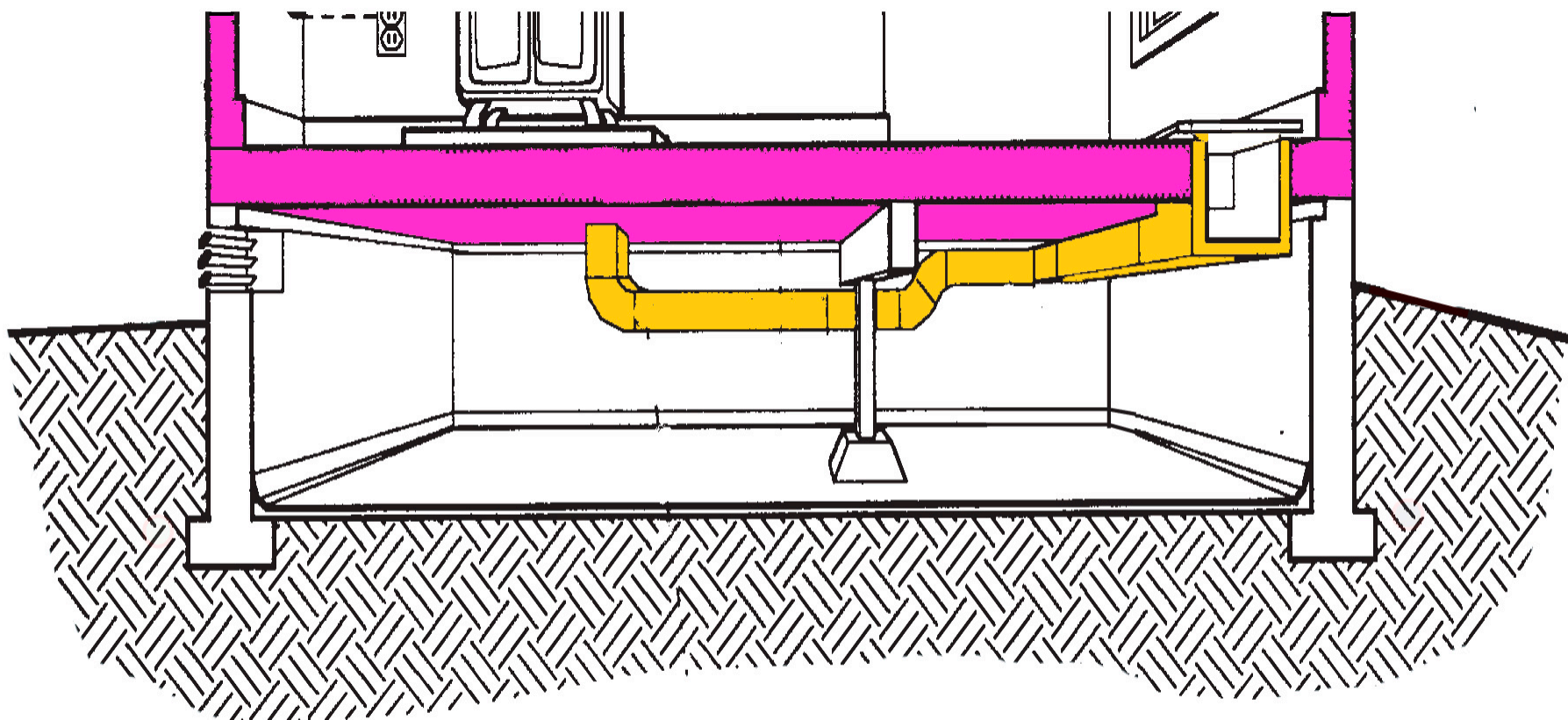


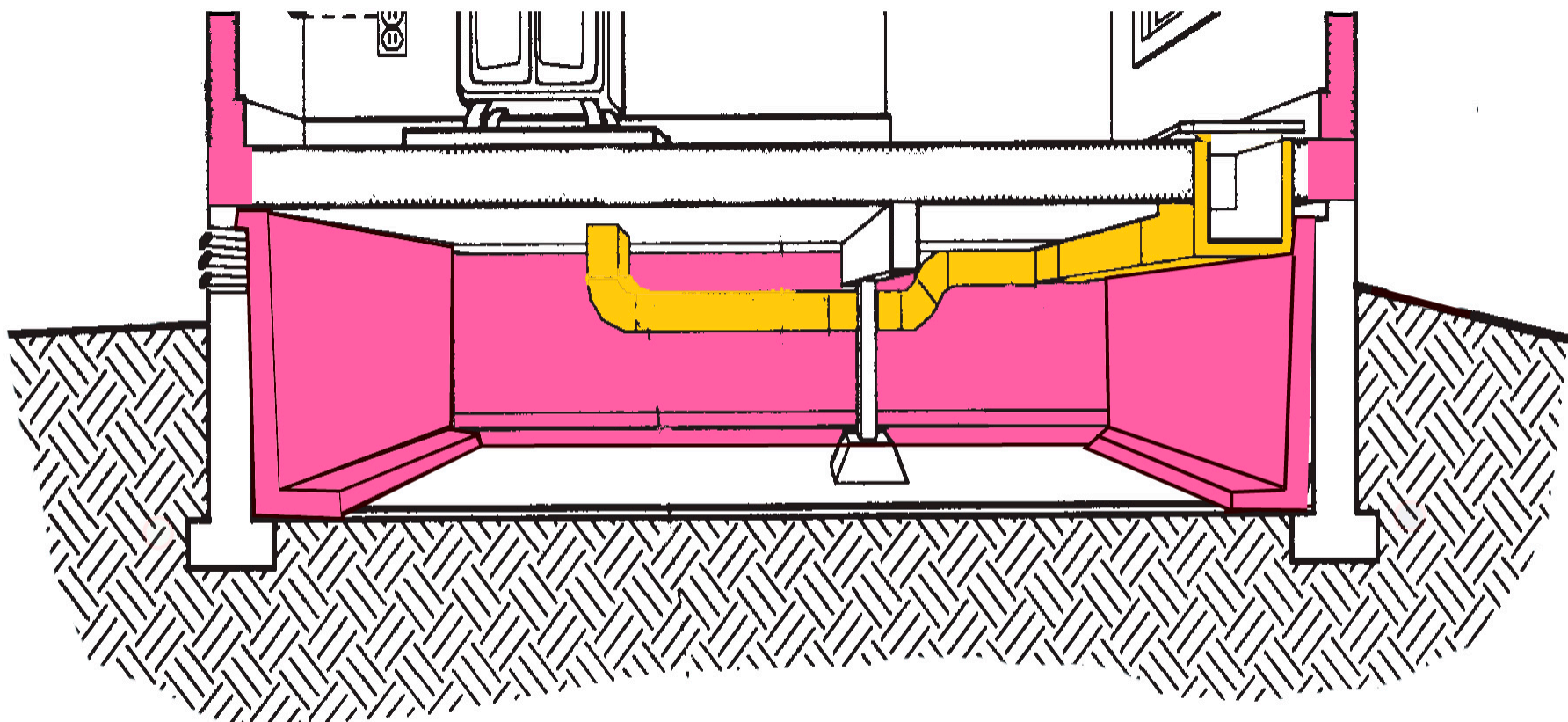
# **Crawl Spaces: Energy, Moisture & Soil Gas Impacts**

**Outline for Research in  
the Pacific NW**

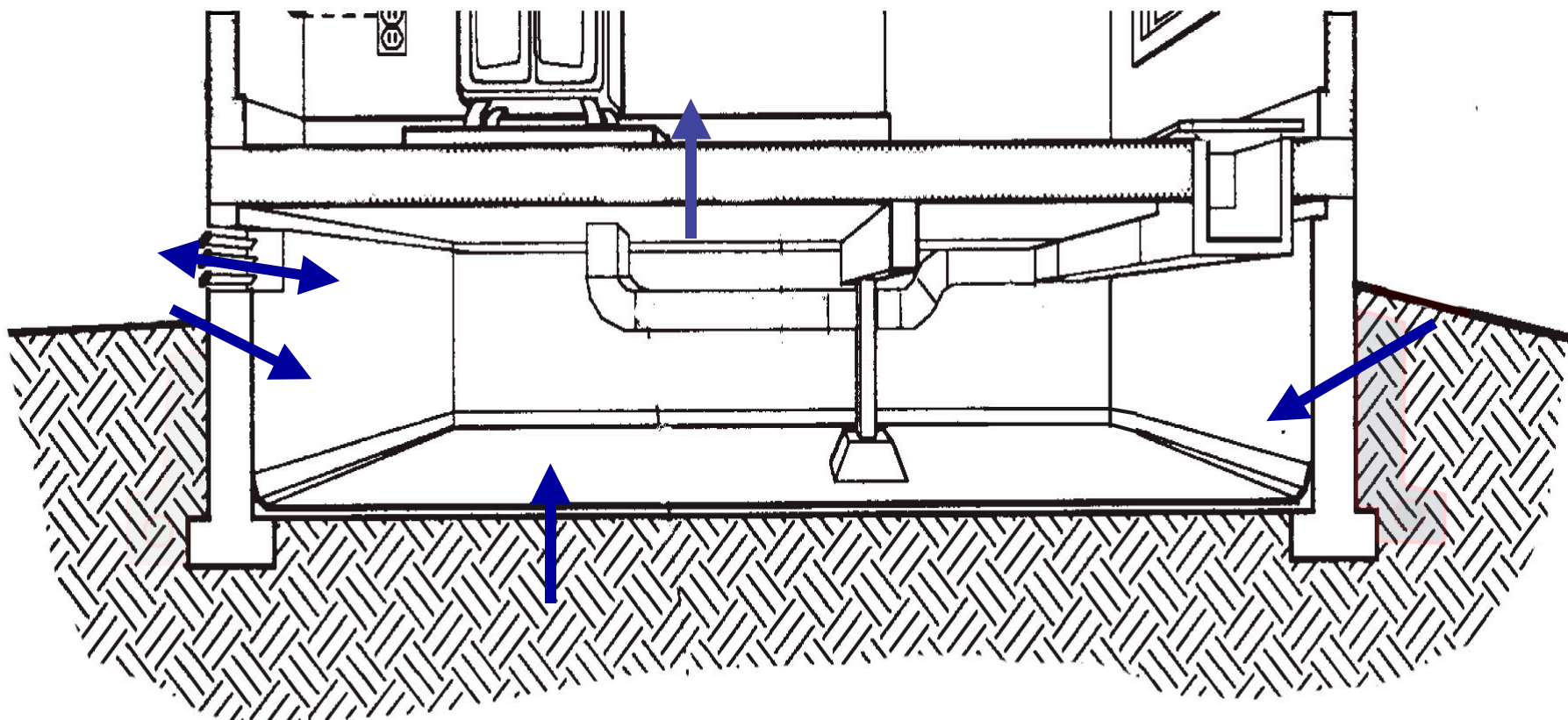
**<http://www.energy.wsu.edu/buildings/moist/>**

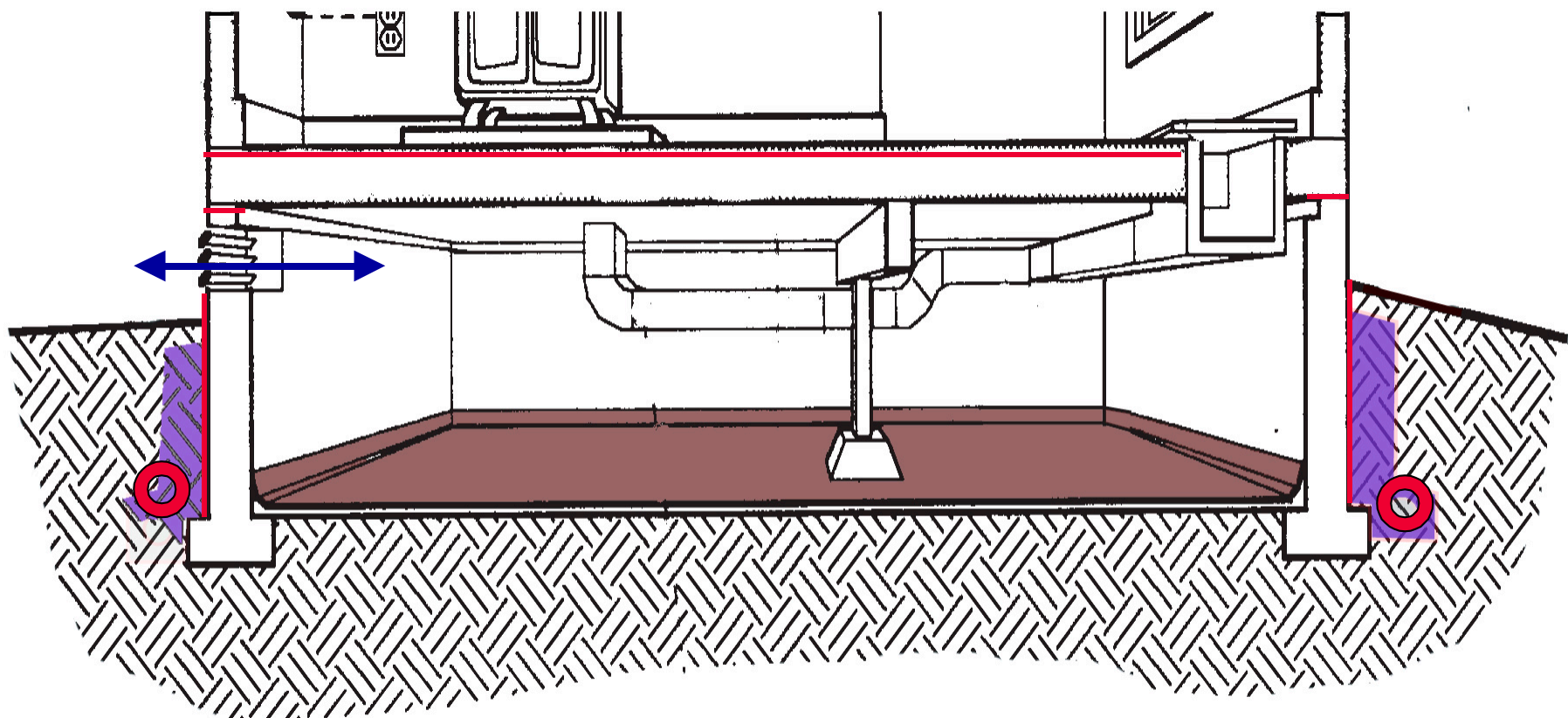


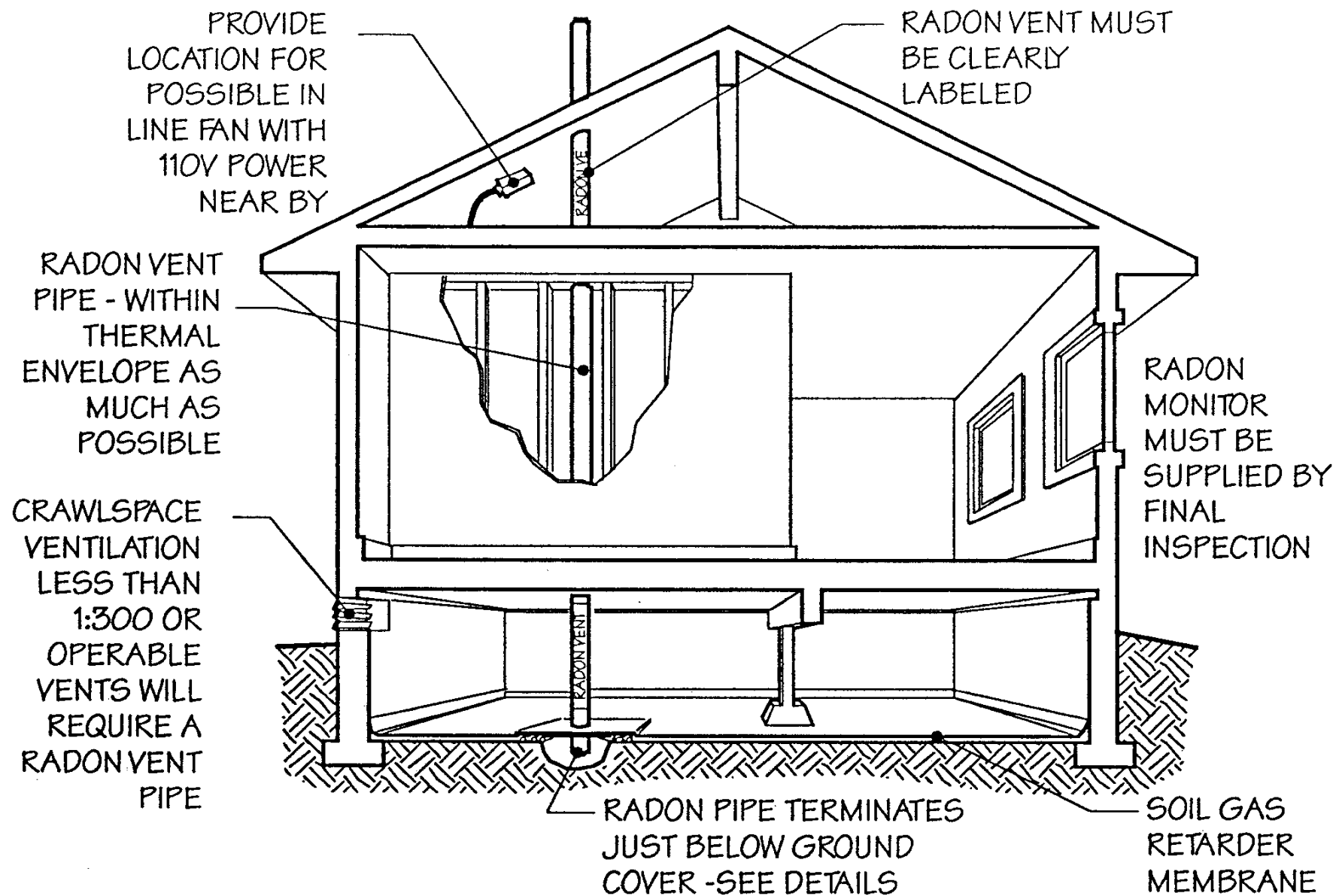


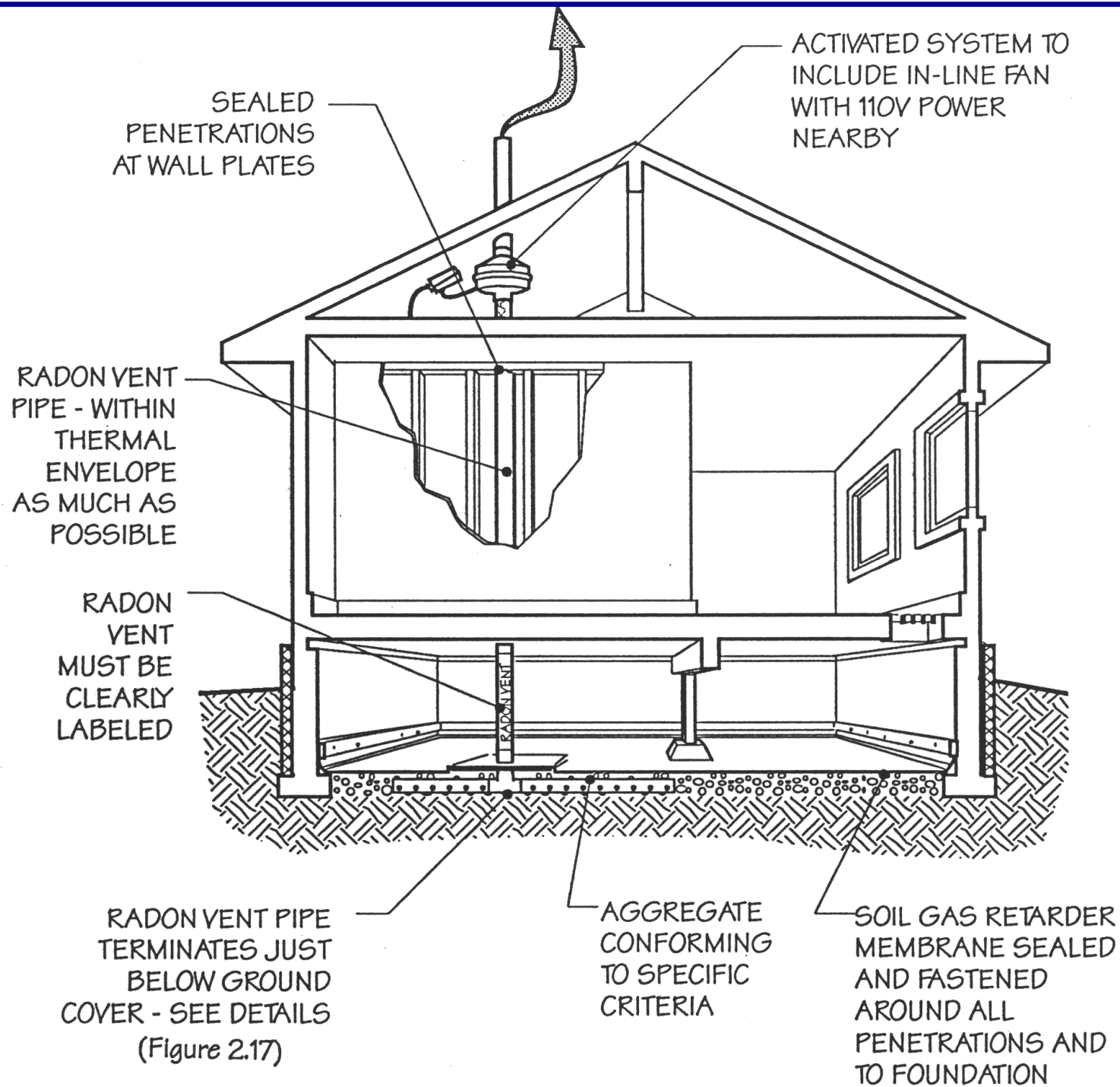


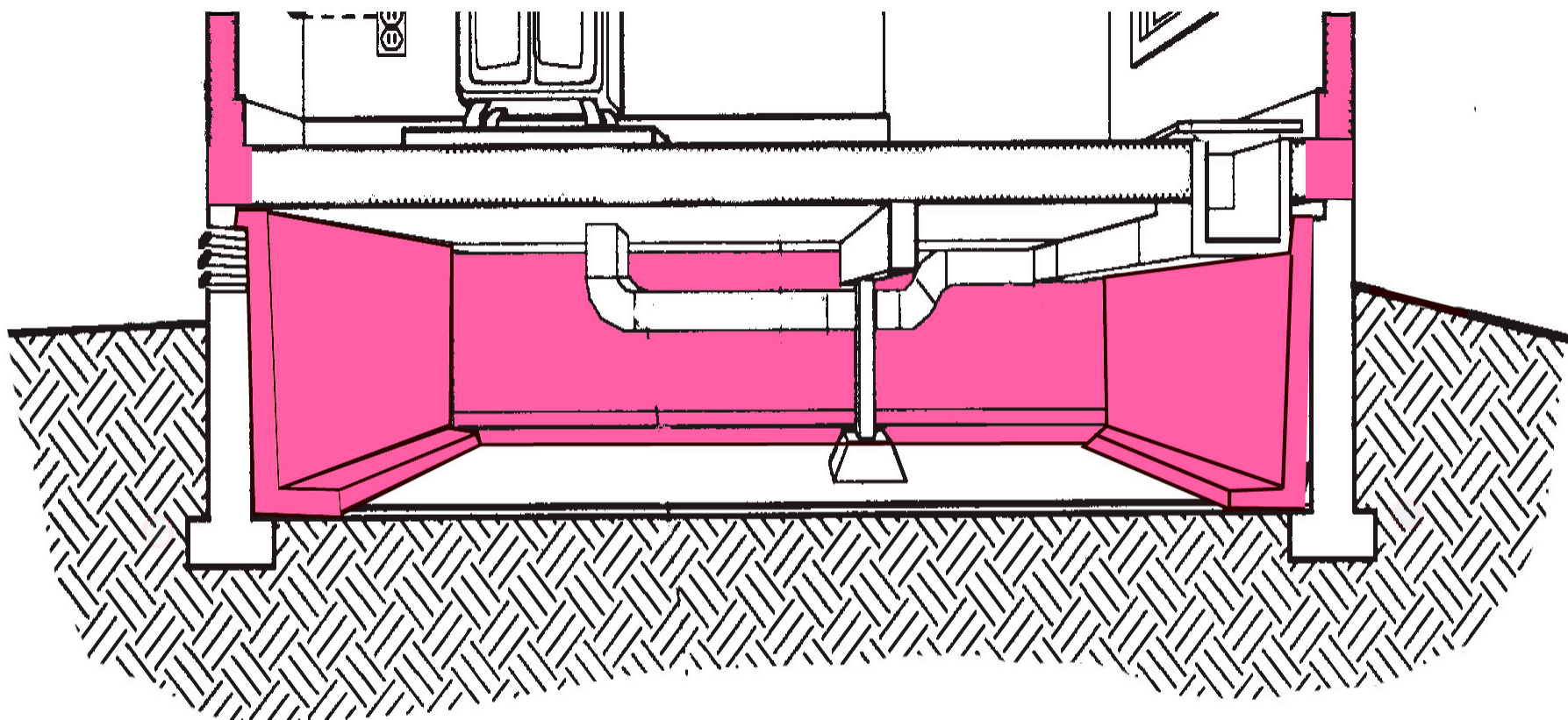












## **Energy Use**

**1344 sf home**

- **Floor Insulation**
- **UA = 39**
- **540 Therms / year**
- **R-30 Floor**
- **Duct Sealing + Insulating average**
- **Crawl Wall Insulation**
- **UA = 105**
- **560 Therms / year**
- **R-30 crawl wall**
- **Ducts inside**

## **First cost**

**1344 sf home**

- **Floor Insulation**
- **1344 SF insulation**
- **Duct Sealing + Insulating**
- **Crawl Wall Insulation**
- **540 SF insulation**
- **Ducts inside??**
- **Radon Control System**

**Should we move  
the house  
around the  
ducts, or should  
we move the  
ducts inside the  
house?**

